

Prodigi™ Classic 7-20 (E/G)

Electric or Gas

UL

ALTO-SHAAM

Engineered for dependability and cost savings, Prodigi™ Classic combination ovens are an all-in-one solution for efficient and consistent food production. These ovens do the work of a convection oven, kettle, steamer, fryer, and more. With labor-saving features, Prodigi Classic combination ovens are designed to support the most demanding kitchens.

Standard features

- Boilerless steam generation
- Absolute Humidity Control™ for selecting any humidity level from 0-100% to maximize food quality, texture, and yield
- Three cooking modes—steam, convection, and combination
- 7" programmable, touchscreen control
- Easy recipe upload/download via USB port
- Four fully automated cleaning cycles
- Front-accessible and retractable rinse hose
- Zero clearance design



7 Seven full-size sheet pans;
16 full-size hotel pans or GN 1/1 pans, two rows deep
14 half-size sheet pans

Two side racks with eight non-tilt support rails; 19-7/8" (505mm) horizontal width between rails, 2-3/4" (70mm) vertical spacing between rails

168 lb (76 kg) product maximum

105 quarts (133 liters) volume maximum

Four (4) wire shelves included.



7-20 Classic

Configuration for Gas Models (select one)

- ☐ Natural gas ☐ Propane

Electrical (select one)

- ☐ 120V 1ph (Gas only) ☐ 208–240V 3ph ☐ 440–480V 3ph

Door swing (select one)

- ☐ Right hinged
☐ Recessed door, optional (not available on ventless hood models)

Options

- ☐ Ventech™ Hood* ☐ Ventech™ PLUS Hood*
*Electric models only

Cleaning

- ☐ Automatic tablet-based cleaning system (standard)

Probe choices

- ☐ Removable, quick-release, T-style probe (PR-37158) (optional)
☐ Removable, single-point, sous vide probe (PR-36576) (optional)

Security devices for correctional facility use

- ☐ Optional base package (not available with recessed door): includes tamper-proof screw package
☐ Anti-entrapment device (5017157) (optional)
☐ Control panel security cover (5017144) (optional)
☐ Hasp door lock (padlock not included) (5017145) (optional)

Water treatment

- ☐ RO System OPS175CR/5 (5031203)

Extended warranty

- ☐ One-year warranty extension

Installation options (select one)

- ☐ Alto-Shaam Factory Authorized Installation Program — available in the U.S. and Canada only
☐ Installation Start-Up Check — available through an Alto-Shaam authorized service agency

Copper Installation kits

Base kit selection on amp draw found in electrical table

Electric

- ☐ 20A (5026970)
☐ 30A (5026932)
☐ 40A (5026972)
☐ 50A (5026973)
☐ 80A (5026974)

Gas

- ☐ 20A (5026980)
☐ 30A (5026933)
☐ No cord (5026971)

CPVC Installation kits

Base kit selection on amp draw found in electrical table

Electric

- ☐ 20A (5021521) ☐ 125A (5021529)
☐ 30A (5021519) ☐ 150A (5021530)
☐ 40A (5021525) ☐ 200A (5021531)
☐ 50A (5021526) ☐ 250A (5021531)
☐ 80A (5021527)

Gas

- ☐ 20A (5021522)
☐ 30A (5021520)
☐ No cord (5021524)

Condensable Particulate Matter (CPM) emissions produced through the most aggressive testing methods available were measured at 0.77 mg/m³ for 11,660 beef patties which is below the maximum allowable level of 5.0 mg/m³ established by EPA test method 202. This product is UL listed under KNLZ in the U.S. and Canada.

[Accessories \(reference accessory catalog\)](#)

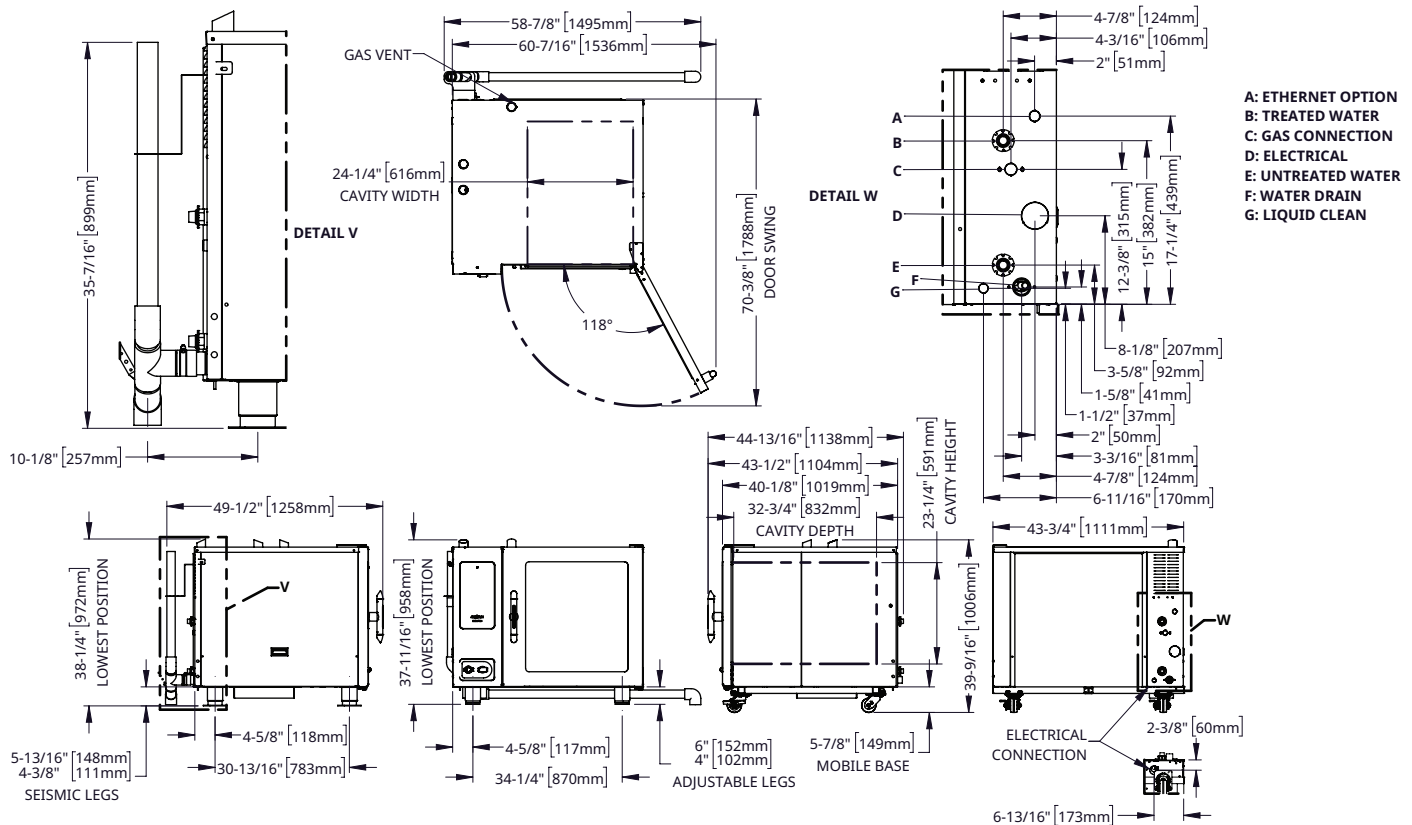


COA# 5760
Electric models only

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DIMENSIONS — standard door



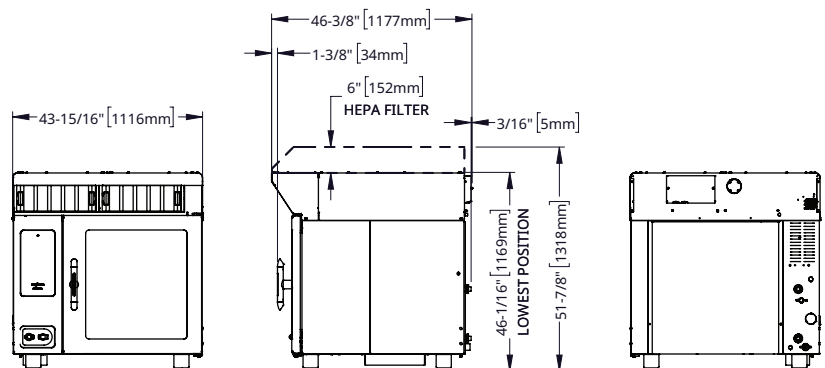
Model	Exterior (H x W x D)	Interior (H x W x D)	Net Weight
7-20	37-11/16" x 43-3/4" x 44-13/16" [958mm x 1111mm x 1138mm]	23-1/4" x 24-1/4" x 32-3/4" [591mm x 616mm x 832mm]	680 lb [308]
	Ship Dimensions (L x W x H)*	Ship Weight	
	56" x 49" x 51" [1422mm x 1245mm x 1295mm]	727 lb [330 kg]	

*Domestic ground shipping information. Contact factory for export weight and dimensions.

OVENS WITH VENTECH® HOOD

Electric only

Eliminate the need for a traditional kitchen hood. Ventech Type 1 hoods with condensation technology condense steam while capturing and removing grease-laden air, vapors, and lingering smoke. For more demanding locations, Ventech PLUS™ hoods include a HEPA filter. These hoods combine the fine particulate filtering of a HEPA filter with condensation technology of the standard Ventech hood.



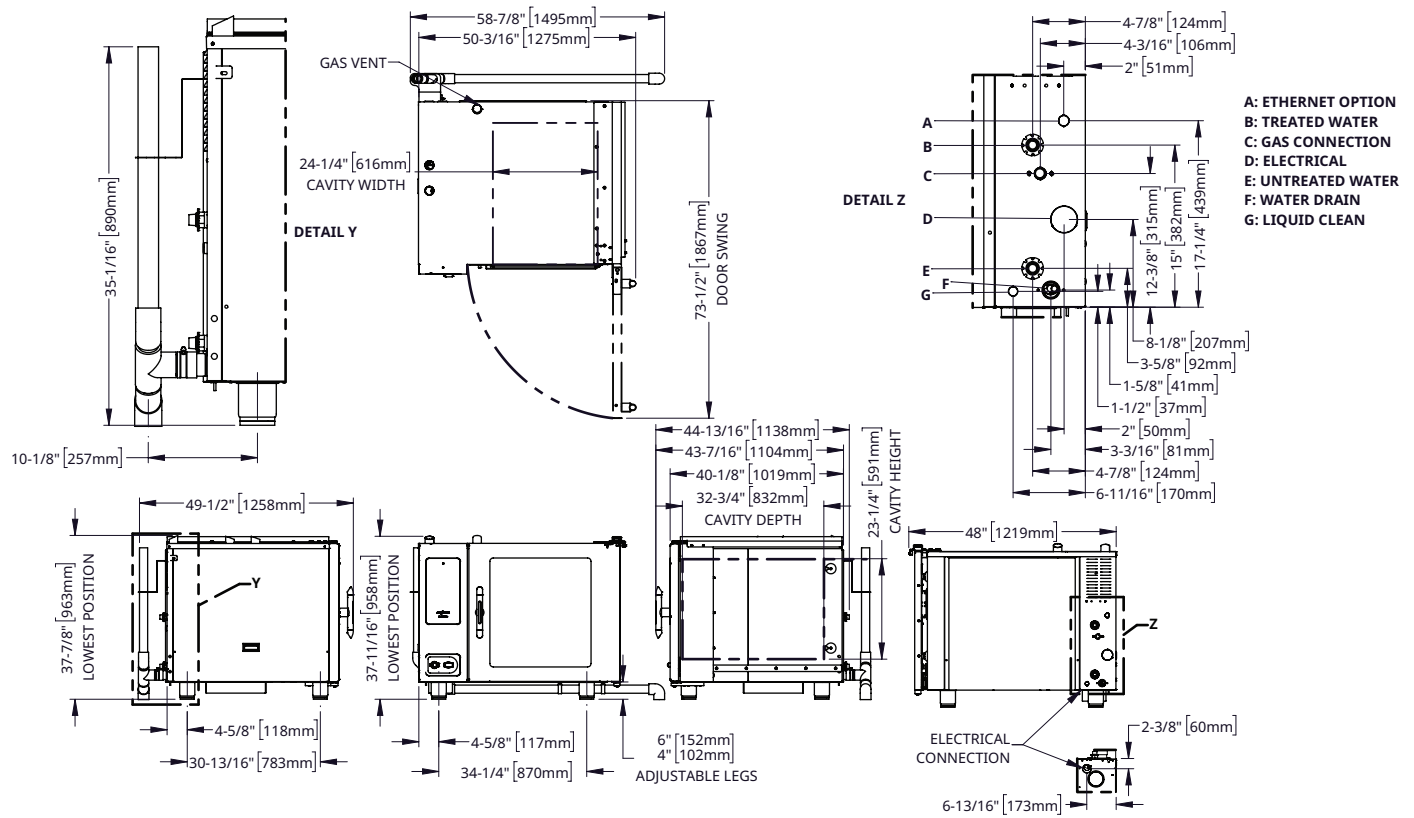
Model	Ventech Hood Exterior (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
VH-20	11-1/8" x 43-15/16" x 46-3/8" [282mm x 1116mm x 1177mm]	158 lb [72 kg]	56" x 49" x 20" [1422mm x 1245mm x 508mm]	276 lb [125 kg]
	Ventech Hood Plus Exterior (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
	17-1/8" x 43-15/16" x 46-3/8" [435mm x 1116mm x 1177mm]	211 lb [96 kg]	59" x 49" x 20" [1500mm x 1245mm x 508mm]	336 lb [152 kg]
	Oven with Ventech Hood (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
	43-1/4" x 43-15/16" x 41-11/16" [1099mm x 1116mm x 1059mm]	Call factory	56" x 45" x 65" [1422mm x 1143mm x 1651mm]	Call factory
	Oven with Ventech Hood Plus (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
	49-1/4" x 35-7/8" x 43-15/16" [1242mm x 1116mm x 1059mm]	Call factory	56" x 45" x 65" [1422mm x 1143mm x 1651mm]	Call factory

*Domestic ground shipping information. Contact factory for export weight and dimensions.

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DIMENSIONS — recessed door



Model

7-20

Exterior (H x W x D)

37-11/16" x 48" x 44-13/16" [958mm x 1219mm x 1138mm]

Interior (H x W x D)

23-1/4" x 24-1/4" x 32-3/4" [591mm x 616mm x 832mm]

Net Weight

680 lb [308]

Ship Dimensions (L x W x H)*

56" x 49" x 51" [1422mm x 1245mm x 1295mm]

Ship Weight

727 lb [330 kg]

*Domestic ground shipping information. Contact factory for export weight and dimensions.

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7-20E ELECTRIC

7-20E					Standard Power			Connection
	V	Ph	Hz	AWG (IEC)	A	Breaker	kW	
208–240V	208	3	50/60	4	45.7	50	16.5	3Ø/PE
	240	3	50/60	3	52.7	60	21.9	3Ø/PE
440–480V	440	3	50/60	8	20.6	25	15.7	3Ø/PE
	480	3	50/60	8	22.4	25	18.7	3Ø/PE

- Electrical connections must meet all applicable federal, state, and local codes.
- For use on individual branch circuit only.
- Ovens are not supplied with an electrical cord or plug.
- For CE models use a Type B current protection device that accommodates a leakage current of 30mA.



7-20G ELECTRIC

	7-20G					Standard Power			Connection
		V	Ph	Hz	AWG (IEC)	A	Breaker	kW	
†	120V	120	1	60	12	6.8	20	0.84	1Ø/PE
†	208–240V	208	3	50/60	14	4.8	15	1.0	3Ø/PE
		240	3	50/60	14	4.2	15	1.0	3Ø/PE

† Per UL requirements, must be permanently connected to electrical supply source

- Electrical connections must meet all applicable federal, state, and local codes.
- For use on individual branch circuit only.
- Ovens are not supplied with an electrical cord or plug.
- For CE models use a Type B current protection device that accommodates a leakage current of 30mA.

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CLEARANCE

Top: 20" [508mm]
Left: 0" [0mm]
18" [457mm] recommended service access
Right: 0" [0mm] non-combustible surfaces
2" [51mm] combustible surfaces
Bottom: 5-1/8" [130mm]
Back: 4" [102mm] between plumbing and nearest object



CHECK FIRST

- Oven must be installed level.
- Oven must be installed on noncombustible surface.
- Use a water supply shut-off valve and back-flow preventer when required by local code.
- Exhaust hood installation is required on gas-heated models.
- Drain must not be located directly underneath the appliance unless a stand with solid top or shelf is used.



HEAT: ELECTRIC

Heat of rejection

7-20E	Heat Gain qs, BTU/hr	Heat Gain qs, kW
	1,121	0.33



NOISE: ELECTRIC

Noise emissions

Without hood system, a maximum 67 dBA was measured at 3.3 ft [1 m] from unit.

With hood system, a maximum 81 dBA was measured at 3.3 ft [1 m] from unit.



HEAT: GAS

Heat of rejection

7-20G	Heat Gain qs, BTU/hr	Heat Gain qs, kW
	476	0.14



NOISE: GAS

Noise emissions

Without hood system, a maximum 67 dBA was measured at 3.3 ft [1 m] from unit.

With hood system, a maximum 81 dBA was measured at 3.3 ft [1 m] from unit.



GAS

Gas Requirements

- Gas type must be specified on order
- Hook-up: 3/4" NPT

UL Marked Appliances	Maximum Input BTU/h	Minimum Input BTU/h	Maximum Inlet Pressure Inches WC [kPa]	Minimum Inlet Pressure Inches WC [kPa]	Maximum Fuel Consumption*	
					CFH	GPH
Natural Gas	85,000	69,000	14.0 [3.5]	5.5 [1.1]	93.3	N/A
Propane	85,000	68,000	14.0 [3.5]	9.0 [2.8]	39.2	1.1

*Assumes an average heating value for natural gas to be 1050 BTU/SCF and a specific gravity of 0.60. The assumed value for propane gas is 2,500 BTU/SCF, and a specific gravity of 1.53.



WATER

Water requirements [per oven]

Two cold water inlets — drinking quality

- One treated water inlet: 3/4" NPT male connection. Line pressure 30 psi minimum dynamic and 90 psi maximum static [200–1000 kPa] at a minimum flow rate of 0.26 gpm [1 L/min].
- One untreated water inlet: 3/4" NPT male connection. Line pressure 30 psi minimum dynamic and 90 psi maximum static [200–1000 kPa] at a minimum flow rate of 2.64 gpm [10 L/min]. Water drain: 1-1/2" [40mm] connection with a vertical vent to extend above the exhaust vent. Materials must withstand temperatures up to 200°F [93°C].

Water Quality Standards

It is the sole responsibility of the owner/operator/purchaser of this equipment to verify that the incoming water supply is comprehensively tested and, if required, a means of "water treatment" provided that would meet compliance requirements with the published water quality standards shown below. Non-compliance with these minimum standards will potentially damage this equipment and/or components and void the original equipment manufacturer's warranty. Alto-Shaam recommends using the Alto-Shaam Reverse Osmosis System to properly treat your water.

Inlet Water Requirements		
Contaminant	Treated Water	Untreated Water
Free Chlorine	Less than 0.1 ppm [mg/L]	Less than 0.1 ppm [mg/L]
Hardness	30-70 ppm	30-70 ppm
Chloride	Less than 30 ppm [mg/L]	Less than 30 ppm [mg/L]
pH	7.0 to 8.5	7.0 to 8.5
Silica	Less than 12 ppm [mg/L]	Less than 12 ppm [mg/L]
Total Dissolved Solids [tds]	50-125 ppm	50-360 ppm



CLEARANCE

Clearance requirements for water filtration system

Do not install a water filtration system behind unit.

CONTACT US

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